

**ACTIVITY WRITE-UP**

**Name of Activity:** Mini Compost Bin (\*\*For Individuals with Developmental Disabilities)

Type of modality	Horticulture
Type of play	Shared Cooperative
Interaction pattern	Intra- Group
# of participants required	2- 4
Equipment/supplies	<ul style="list-style-type: none"> <li>• Paint, paintbrushes, two containers, multiple newspapers, cardboard, nail, Styrofoam cup, paper towel, soil, worms, scissors, water</li> </ul>
Facilities required/environment	Open space with adequate lighting with table and chairs
Precautions	Supervision with scissors, nail, and paint

**Directions**

1. The facilitator will get supplies. The clients will line the table with newspaper and sit down.
2. The clients will paint one of the two containers on top of the newspaper (\*this is the outer container).
3. The clients will shred newspaper (a pile of newspaper different from the one covering the table will be provided) into small pieces with the scissors.
4. The facilitator will supervise the clients as they cut a cardboard cover slightly smaller than the tub lid.
5. The facilitator will supervise the clients as they use the nail to poke holes in the bottom of the other container (\*\*this is the inner container).
6. The facilitator will supervise the clients as they cut a medium ring from the Styrofoam cup and place in the bottom of the outer container.
7. The clients will put two pieces of paper towel in the bottom of inner container.
8. The clients will dampen newspaper and place in inner container.
9. The clients will put soil in inner container.
10. The clients will cover the inner container with the cardboard cover.
11. \*\* Optional: The facilitator will supervise the clients as they put five red Wigglers in inner container.
12. The facilitator will ask the clients about the activity and will lead a debriefing session.

**Activity Analysis**

Category	Skills
Primary body position	Dynamic Sitting

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Part of the body required	Hands, fingers, upper body
Movement	Dynamic sitting, bilateral integration, crossing midline, fine muscle coordination, UE AROM, muscle strength
Physical	Bending, grasping, lifting, manipulating, picking up, moving around obstacles, reaching, standing, stretching
Cognitive	Concentration, judgement, sustaining/sharing attention, concept formation, shape/size recognition, spatial observation, sequencing, strategy
Social	Maintaining social space, handling criticism, interpersonal interactions, social conduct, physical contact, regulating behavior, showing tolerance
Perception	Auditory, olfactory, tactile, visual
Communication/language	Reception to spoken/written/body language, signs and symbols, expression of spoken/written/body language
Self-care	Washing/drying oneself
Psychological/emotional (possible)	Joy, frustration, anger, fear (worms), guilt

### How to Simplify the Activity

The facilitator would have the supplies cut up and ready to go and would omit the nail and scissors from the activity. The facilitator would omit the worm component.

### How to Make the Activity More Complex

The facilitator could have the directions to the activity written down and have the clients read it and follow it without the facilitator's help. The facilitator could allow the clients to do research on specific species of worms as well as worm care. The facilitator could have the clients research how to compost.

### Other Comments

Make sure the caregivers are aware of and okay with having worms in their home.